

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018127.D
 Acq On : 15 Feb 2021 11:52
 Operator : SY/VA
 Sample : M1370-20
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ8

Quant Time: Feb 16 02:21:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

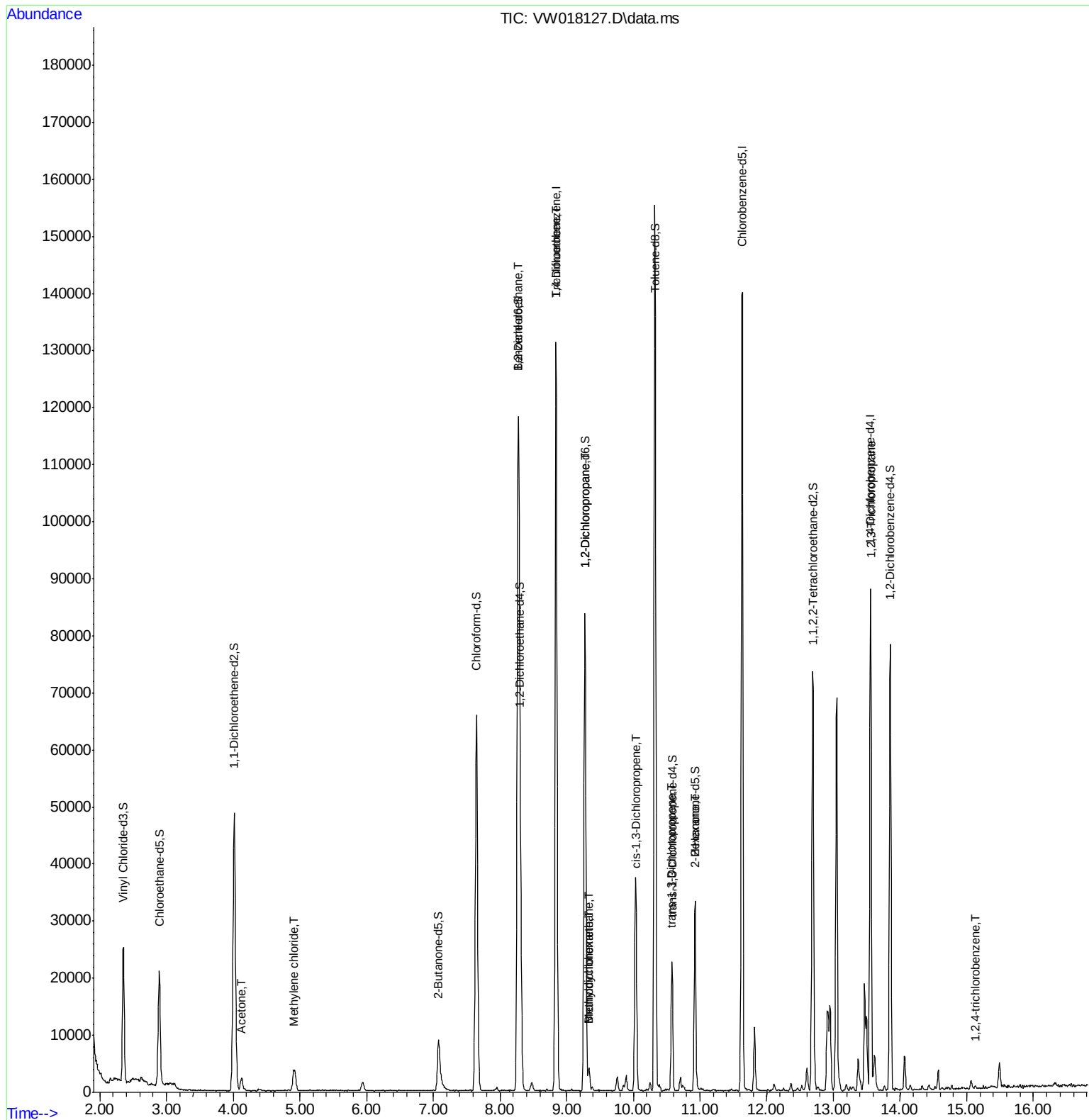
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	117718	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	85665	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	25079	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	25104	17.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.64%		
7) Chloroethane-d5	2.892	69	24360	20.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.92%		
10) 1,1-Dichloroethene-d2	4.013	63	45597	15.59	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.36%		
20) 2-Butanone-d5	7.074	46	15704	40.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.44%		
24) Chloroform-d	7.647	84	70210	22.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.92%		
26) 1,2-Dichloroethane-d4	8.305	65	35886	21.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.24%		
29) Benzene-d6	8.275	84	129451	27.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.08%		
33) 1,2-Dichloropropane-d6	9.275	67	38719	29.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	117.72%		
37) Toluene-d8	10.323	98	104898	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.76%		
38) trans-1,3-Dichloroprop...	10.579	79	13195	22.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.52%		
39) 2-Hexanone-d5	10.927	63	11893	47.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.56%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	28363	24.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	21521	24.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.24%		
Target Compounds						
13) Acetone	4.123	43	4262	14.76	ug/L	71
16) Methylene chloride	4.916	84	3256	1.73	ug/L	83
27) 1,2-Dichloroethane	8.275	62	725	0.38	ug/L #	73
35) Trichloroethene	8.842	95	3590	2.54	ug/L #	3
36) Methylcyclohexane	9.336	83	1304	0.55	ug/L	94
40) 1,2-Dichloropropane	9.275	63	4103	3.57	ug/L #	84
41) Bromodichloromethane	9.336	83	774	0.47	ug/L #	24
42) cis-1,3-Dichloropropene	10.043	75	924	0.50	ug/L	84
45) trans-1,3-Dichloropropene	10.573	75	503	0.31	ug/L #	37
49) 2-Hexanone	10.921	43	1463	2.95	ug/L #	56
59) 1,2,3-Trichloropropane	13.560	75	2645	3.01	ug/L	95
68) 1,2,4-trichlorobenzene	15.133	180	241	0.24	ug/L #	74

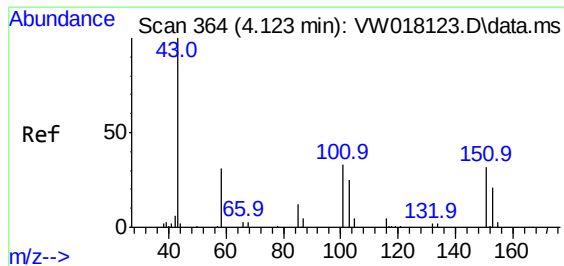
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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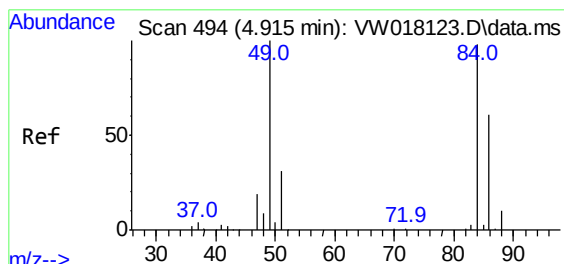
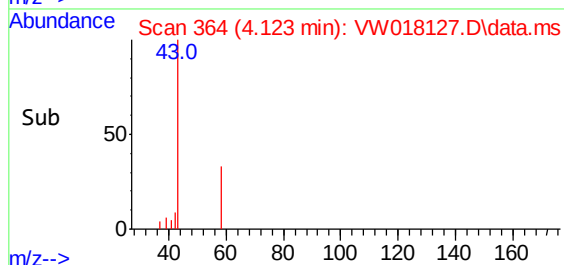
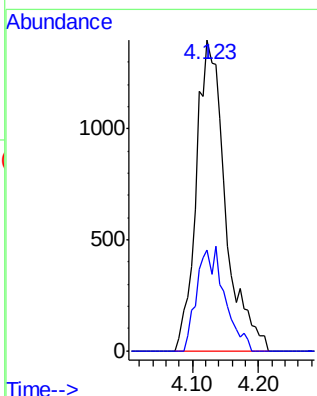
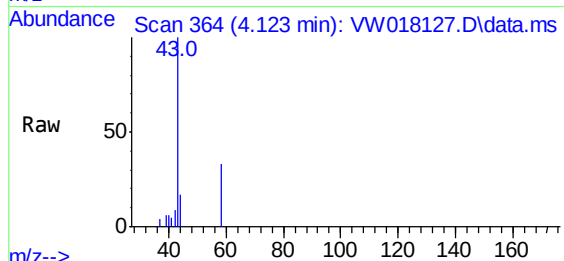




#13
Acetone
Concen: 14.76 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018127.D
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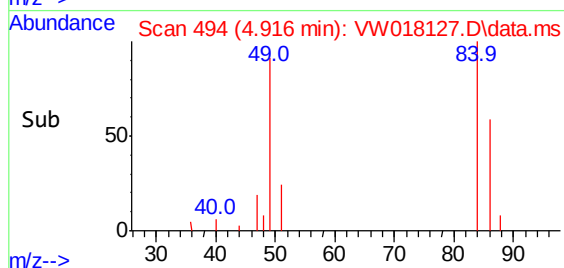
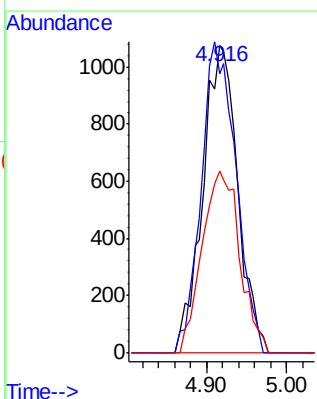
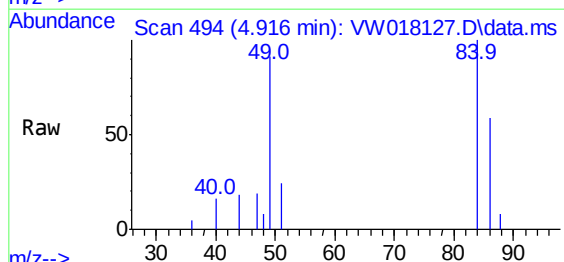
Instrument :
MSVOA_W
ClientSampled :
DBGZ8

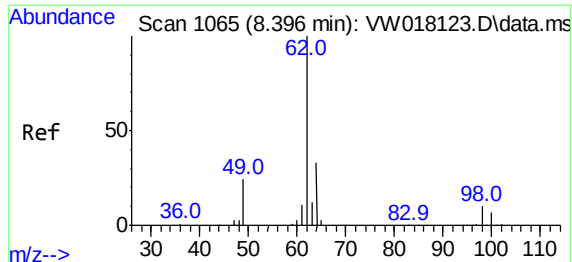
Tgt Ion: 43 Resp: 4262
Ion Ratio Lower Upper
43 100
58 17.5 0.0 68.4



#16
Methylene chloride
Concen: 1.73 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018127.D
Acq: 15 Feb 2021 11:52

Tgt Ion: 84 Resp: 3256
Ion Ratio Lower Upper
84 100
49 90.9 81.2 150.8
86 58.9 44.5 82.7

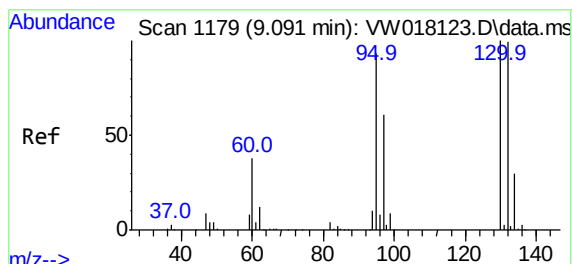
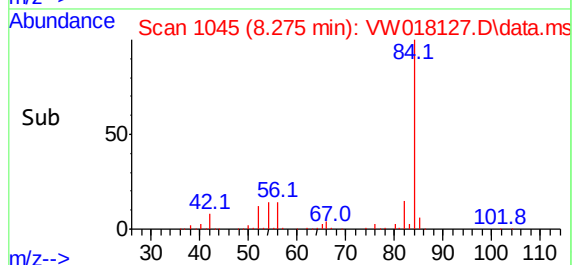
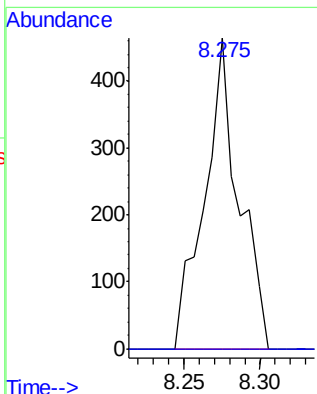
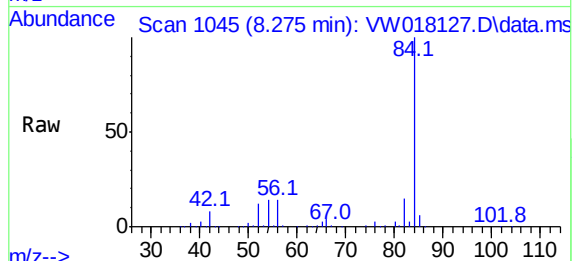




#27
1,2-Dichloroethane
Concen: 0.38 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW018127.D
Acq: 15 Feb 2021 11:52

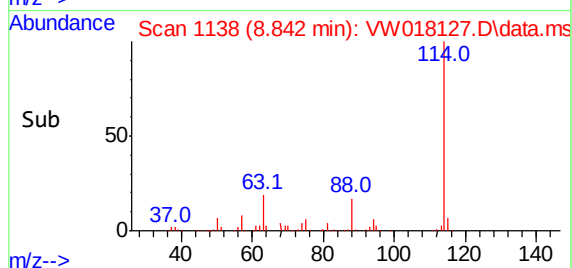
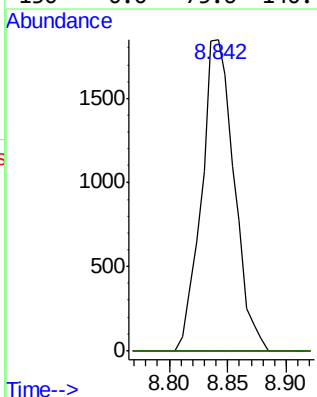
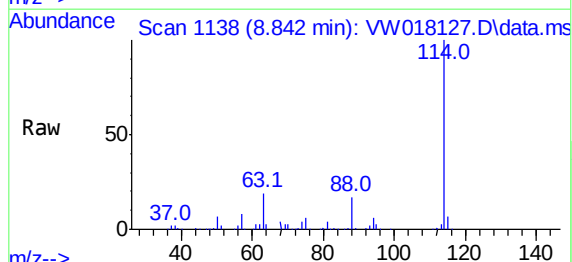
Instrument :
MSVOA_W
ClientSampled :
DBGZ8

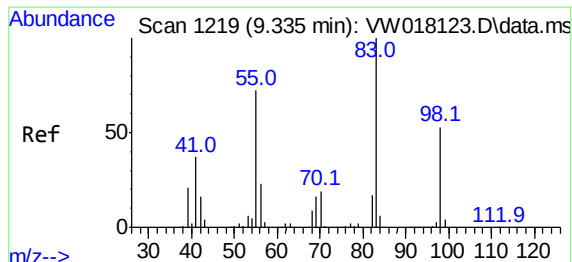
Tgt Ion: 62 Resp: 725
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#35
Trichloroethene
Concen: 2.54 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018127.D
Acq: 15 Feb 2021 11:52

Tgt Ion: 95 Resp: 3590
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#

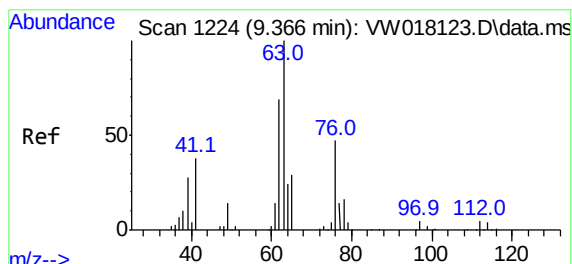
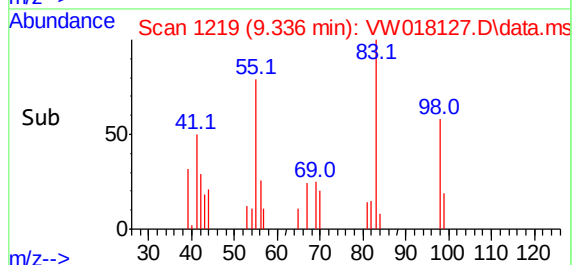
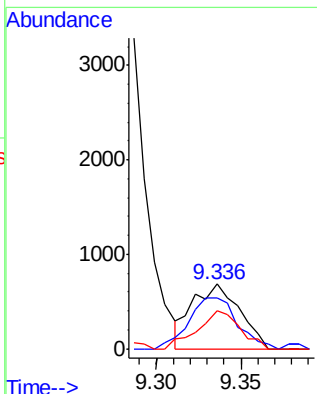
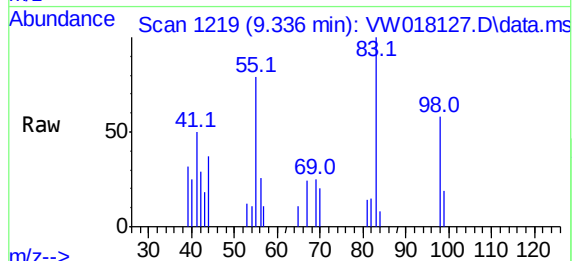




#36
Methylcyclohexane
Concen: 0.55 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018127.D
Acq: 15 Feb 2021 11:52

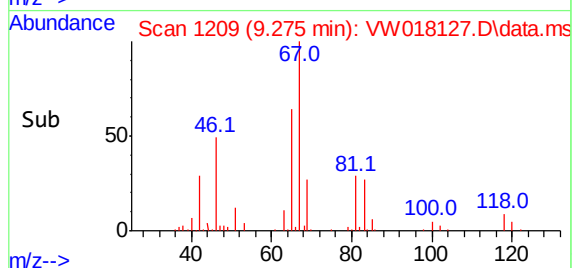
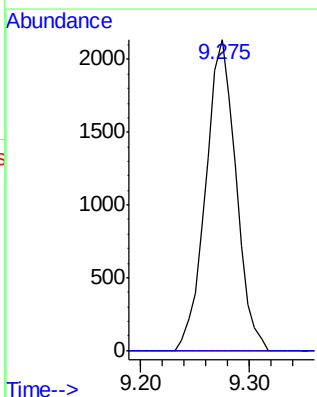
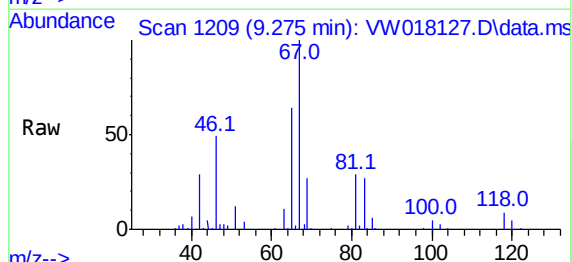
Instrument :
MSVOA_W
ClientSampled :
DBGZ8

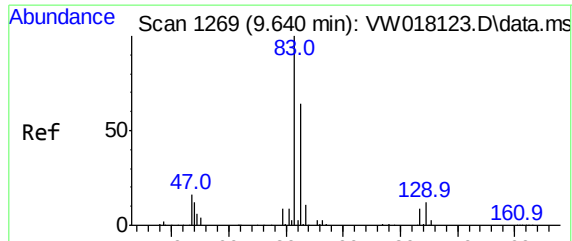
Tgt Ion: 83 Resp: 1304
Ion Ratio Lower Upper
83 100
55 81.6 59.4 89.0
98 52.5 40.7 61.1



#40
1,2-Dichloropropane
Concen: 3.57 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018127.D
Acq: 15 Feb 2021 11:52

Tgt Ion: 63 Resp: 4103
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

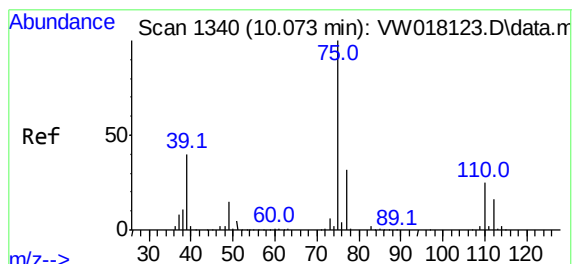
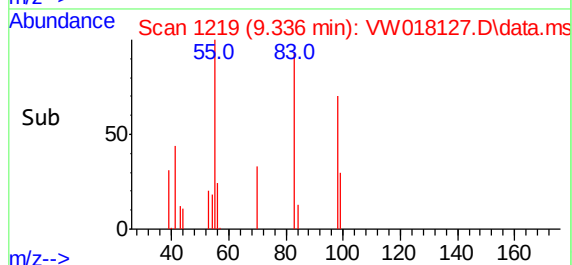
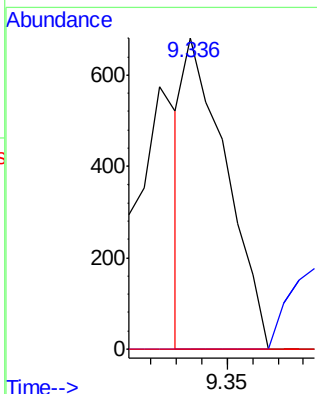
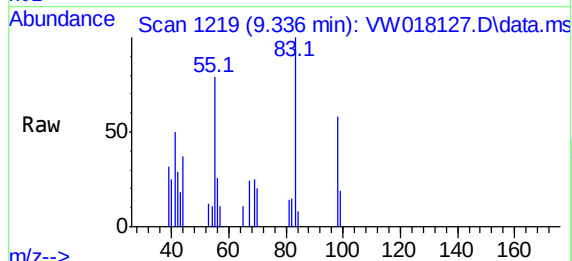




#41
Bromodichloromethane
Concen: 0.47 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. -0.305 min
Lab File: VW018127.D
Acq: 15 Feb 2021 11:52

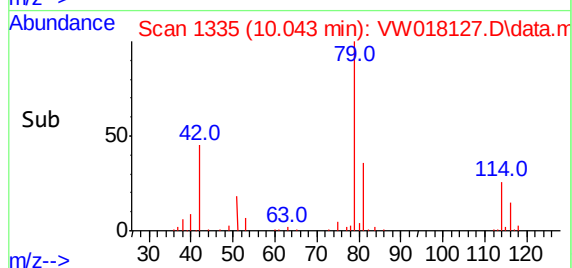
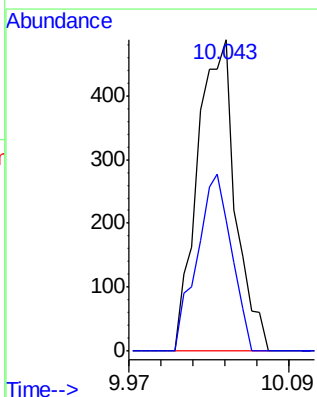
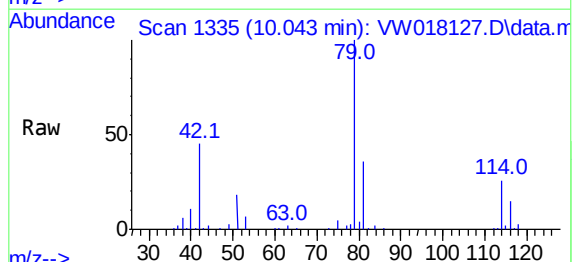
Instrument :
MSVOA_W
ClientSampleId :
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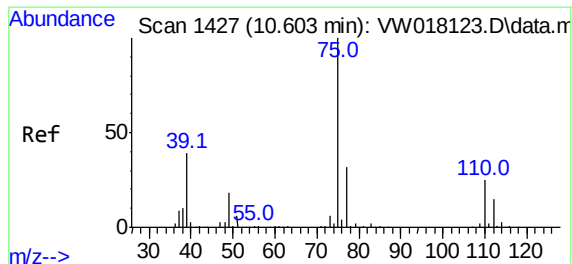
Tgt Ion: 83 Resp: 774
Ion Ratio Lower Upper
83 100
85 0.0 46.8 86.8#
127 0.0 7.6 11.4#



#42
cis-1,3-Dichloropropene
Concen: 0.50 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW018127.D
Acq: 15 Feb 2021 11:52

Tgt Ion: 75 Resp: 924
Ion Ratio Lower Upper
75 100
77 41.7 22.7 42.3

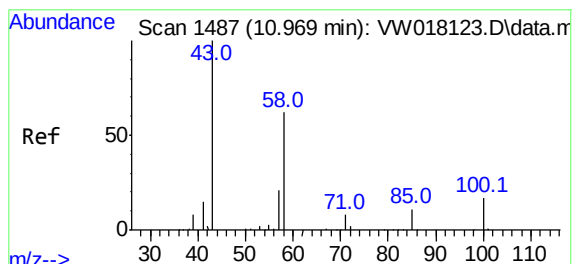
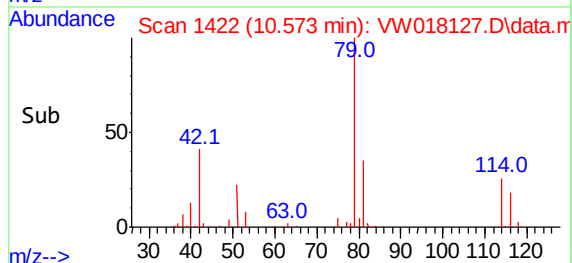
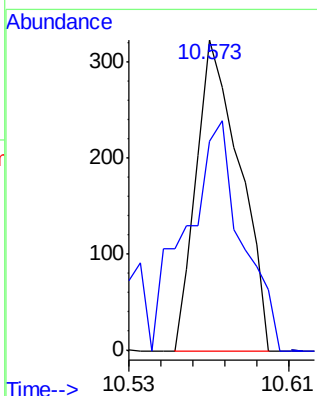
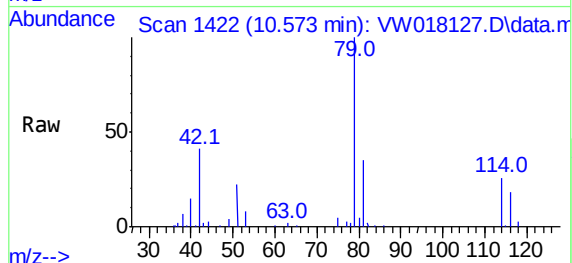




#45
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018127.D
Acq: 15 Feb 2021 11:52

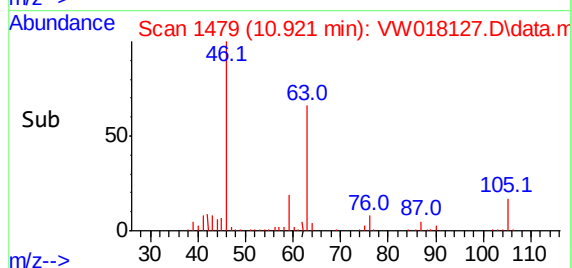
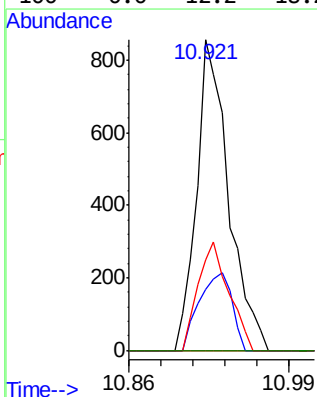
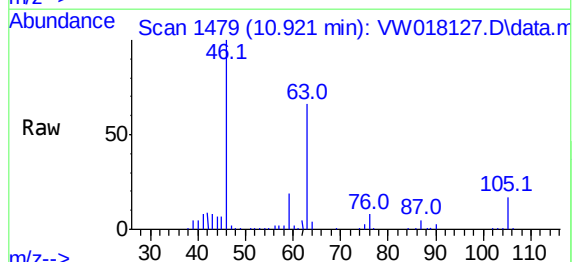
Instrument :
MSVOA_W
ClientSampled :
DBGZ8

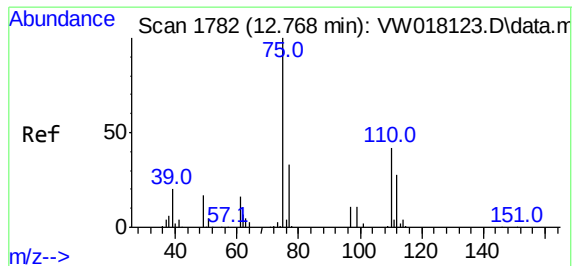
Tgt Ion: 75 Resp: 503
Ion Ratio Lower Upper
75 100
77 67.4 22.6 42.0#



#49
2-Hexanone
Concen: 2.95 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018127.D
Acq: 15 Feb 2021 11:52

Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 25.3 51.3 76.9#
57 33.4 15.0 22.6#
100 0.0 12.2 18.2#

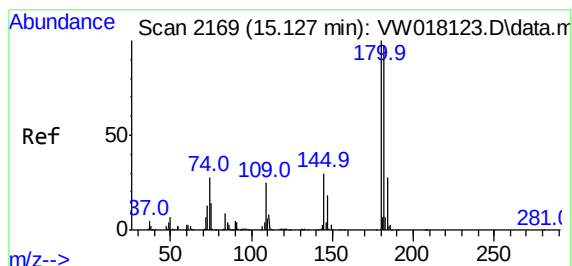
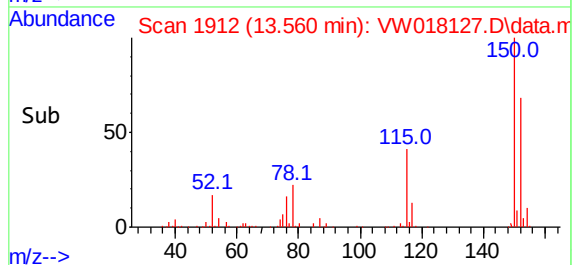
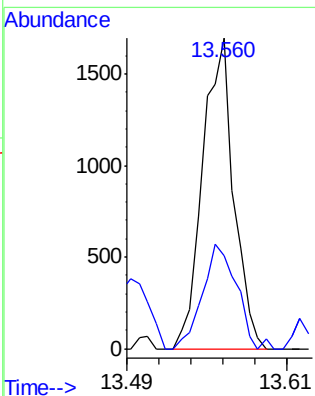
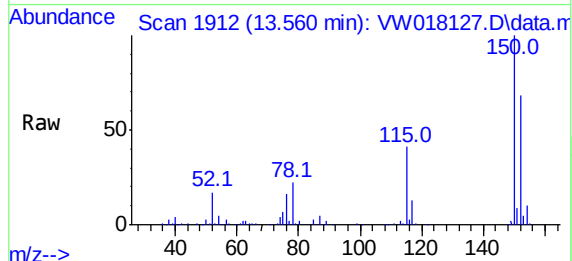




#59
 1,2,3-Trichloropropane
 Concen: 3.01 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.793 min
 Lab File: VW018127.D
 Acq: 15 Feb 2021 11:52

Instrument :
 MSVOA_W
 ClientSampled :
 DBGZ8

Tgt Ion: 75 Resp: 2645
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.6 39.8



#68
 1,2,4-trichlorobenzene
 Concen: 0.24 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW018127.D
 Acq: 15 Feb 2021 11:52

Tgt Ion: 180 Resp: 241
 Ion Ratio Lower Upper
 180 100
 182 73.9 71.3 106.9
 145 0.0 24.0 36.0#

